

19-3-305 Application for license.

The application for a construction and operating license shall contain information required by department rules, which shall include:

- (1) results of studies adequate to:
 - (a) identify the presence of any groundwater aquifers in the area of the proposed site;
 - (b) assess the quality of the groundwater of all aquifers identified in the area of the proposed site;
 - (c) provide reports on the monitoring of vadose zone and other near surface groundwater;
 - (d) provide reports on hydraulic conductivity tests; and
 - (e) provide any other information necessary to estimate adequately the groundwater travel distance;
- (2) identification of transportation routes and transportation plans within the state and demonstration of compliance with federal, state, and local transportation requirements;
- (3) estimates of the composition, quantities, and concentrations of waste to be generated by the activities covered by the license;
- (4) the environmental, social, and economic impact of the facility in the area of the proposed facility and on the state as a whole;
- (5) detailed engineering plans and specifications for the construction and operation of the facility and for the closure of the facility;
- (6) detailed cost estimates and funding sources for construction, operation, and closure of the facility;
- (7) a security plan that includes a detailed description of security measures that would be installed in and around the facility;
- (8) a detailed description of site suitability, including a description of the geologic, geochemical, geotechnical, hydrologic, ecologic, archaeologic, meteorologic, climatologic, and biotic features of the site and vicinity;
- (9) specific identification of:
 - (a) the applicant, the wastes to be accepted, the sources of waste, and the owners and operators of the facility; and
 - (b) the persons or entities having legal responsibility for the facility and wastes;
- (10) quantitative and qualitative environmental and health risk assessments for all proposed activities, including transfer, storage, and transportation of wastes;
- (11) technical qualifications, including training and experience of the applicant, staff, and personnel who are to engage in the proposed activities;
- (12) a quality assurance program, radiation safety program, and environmental monitoring program;
- (13) a regional emergency plan for an area surrounding the facility having at least a 75 mile radius, but which may be greater, if required by department rule; and
- (14) any other information and monitoring the department determines necessary to insure the protection of the public health and the environment.

Enacted by Chapter 348, 1998 General Session